INLEHNATIONAL SEARCH REPORT

PUI/1B2004/051367 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F21S8/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) F21S F21V F21P IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-4.8.9FR 505 669 A (M. OTIS ANGELO MYGATT) Α 4 August 1920 (1920-08-04) page 1, line 42 - page 2, line 17 figures 3,4 1-4,7-9 DE 12 93 701 B (SIEMENS AG) A 30 April 1969 (1969-04-30) column 2, line 49 - line 56 column 3, line 43 - line 55 figures 1,3 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means "P" document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 19/10/2004 7 October 2004 Authorized officer Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016

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INTERNATIONAL SEARCH REPORT

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PU1/ IB2004/051367

| C.(Continu | ation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|------------|--|-----------------------|--|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. | |
| A | US 6 254 225 B1 (ANAGNOSTOPOULOS CONSTANTINE N ET AL) 3 July 2001 (2001-07-03) cited in the application column 3, line 21 - line 36 column 4, line 23 - line 33 claim 1 figure 3 | 1,9 | |
| A | US 5 564 820 A (ENTROP JEAN P ET AL) 15 October 1996 (1996-10-15) cited in the application column 2, line 20 - line 48 claim 1 figure 1 | 1,9 | |
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INTERNATIONAL SEARCH REPORT

nformation on patent family members

Intiponal Application No
PUT/IB2004/051367

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|-------|---------------------|------|----------------------------|-----------|------------------|
| FR 505669 | Α | 04-08-1920 | NONE | | | |
| DE 1293701 | В | 30-04-1969 | AT | 263940 | В | 12-08-1968 |
| JL 1250/0- | _ | | CH | 452461 | Α | 31-05-1968 |
| | | | SE | 336315 | В | 05-07-1971 |
| US 6254225 | B1 | 03-07-2001 | us | 6079821 | A | 27-06-2000 |
| 00 0254220 | | 0. 0. 2002 | EP | 1142718 | A2 | 10-10-2001 |
| | | | JP | 2001315329 | Α | 13-11-2001 |
| | | | EP | 0911168 | A2 | 28-04-1999 |
| | | | JP | 11192707 | Α | 21-07-1999 |
| | | | US | 6402305 | B1 | 11-06-2002 |
| US 5564820 | A | 15-10-1996 | AU | 3520593 | A | 23-09-1993 |
| 00 000 1000 | | | BE | 1005448 | A6 | 27-07-1993 |
| | | | BR | 9301152 | Α | 21-09-1993 |
| , | | | CA | 2092660 | A1 | 17-09-1993 |
| | | | DE | | U1 | 29-04-1993 |
| | | | DE | 69311583 | D1 | 24-07-1997 |
| | | | DE | ••• | T2 | 08-01-1998 |
| | | | EP | | A1 | 02-06-1993 |
| | | | ES | | T3 | 16-10-1997 |
| • | | | FR | | A3 | 17-09-1993 |
| | | | JP | | B2 | 20-08-1997 |
| | | | JР | 6020513 | | 28-01-1994 |
| | | | MX | 9301261 | A1 | 01-12-1993 |